Box #1

CHEM ENGR

MAY 1948 VOL 55#5

TO + INCLUDING MAR 1949

VOL. 56 #3 EXCEPT

DEC 1948 VOL55#12

Box 2

CHEM. ENGR.

MAY 1949 TO

· JULY 1949

Now 1949

Page 762 analyt Chew Quen. Treadwell & Hall

Fluid Measure

1 minim = 0.06/6/ Cm 3

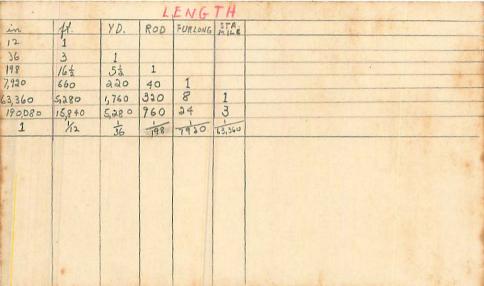
8 fluid drochen = 1 fl oz = 29.573 cm 3

16 flog = 1 fl. pl. U.S. = 473. 18 cm 3

\$ pink = 191 U.S. - 916.36 cm3

Spins = 4gts = 1 gal = 3. 785 liters

10.5. gal contains 231 ce in und weight when fell of water 8.69#



1 ft = 30. 4800 6096 (legal) 1 cm = 0.03280833 1 m = 39.37 exortlegal

#### TABLES

#### METRIC LENGTH

10 Angstrom units (A.) = / millimicron = 1000 micron (1pu) = 1,000,000 millimeter (mi) 10 A = 1 mp 1 Km = 0.62137 mi = 3,280/8/0 in. 1000 mp = / pu 1000 M = 1 mm 1m = 39.37 in = 3.28 ft. 10 mm = 1cm 100 cm or 1000 mm = 1 meter & 10 nutes = 1 Dekamutus
1000 meters = 1 Kilometer 10 pekamutus = 1 Hectometer 10 Kelometers = 1 huguamiter 1 mm = 1000 nucions

# ENGLISH LENGTH TABLE

12 in = 1 ft.

3 ft = 1 yd.

5 /2 yds = 1 wd 40 words = 1 factoring 8 fuelongs = 1 star mile 3 miles = 1 league

1 mile = 1.60935 Km. 1 yd = . 9/440 miles 1 fort = 30. \$801 cm 1 m = 2.5400 cm 1 manteral mile = 1.152 land

tequalent Capacity =.6102 cuix =. 338 flistog 10 milletitu= 1 centilited = 10 cgn 3 10 centiletis = 1 Presiliter = 6.1000 en in = . 895 gill 10 deceleters = Iliter = 1 cu december = . 90848. = 1.05679ts 10 leters - , Dekaleter = 9.08 gts = 2.641 7gals 10 dekaletes = 1 Hectoliter = 2 bu 3,35 pks = 26,417gal 10 Hectolitus = 1 Kilolitic or Steree = 1 cu meter = 1.308 eyels = 264.17 gal 1 ml = 0.061 en in = . 27 fluidham

I hoghed = 2 Hole Tiguid . 2 puts = Tigt 63 gal = 252 gd = & yells = 1 pohut 50 4pt = 3,016qi 8 gts = / peck spirits = 1 gt 4 pedes = 1 bushel 4 gls = 1 gal 36 bushels = 1 chaldron 31 zgal = 1 barref (M) Thanks = 1 hopshead had. Cubic 1,728 cuis = | cuff. - \$ butil 1 cuin = 16.387 cc 1 cu fl = 0.02832 cu meter Frank = longd. 1 cu yd = 176 156 cu meter 12+ cuff = 1 God (word) 40 cuft = 1 tra (shipping) 2,150,92 cuch = 1 standard bachel 231 auch = 1 standard gallon 191 = 0.94633 liter 1 gal = 3. 78533 liters) 1 cm yd = 27 cm. H. = 46,656 cm cin.

1 m² = 1 centare 1,550 1 m² = 1 centare 1,550 sq. in 100 m² = 1 are - +1\$ 119.6 sq. yds 10,000 m² = 1 Hectare = 2.471 acres 1 Squi = 640 A. = 102, 400 Sq. rd. = 3,097, 600 Sq. yd. = 27, 878, 400 sq. H= 4,014, 489, 600 Sq. in

199 spin = 1 sq ff -9 29 H = 1 ig yd 30/4 sq yels = 1 sq wd 160 my do of words = 1 acre outloo 640 acres - 1 g mile

# MAR 19 1946

MAR 1 3 1946 MAR 1 3 1946

MAR 1 - 1946

MAR 1 . 1946

0.001 willigram = 1 microgram (offer Called ) gamma) Mass Hio aroudypin 1 almost 10 milligram .0154 grain 1000 mgn3 10 milligians = 1 centiquem 0.1543 gram to cc 10 certigiano = Recigiane 1,5432 grams 15.432 grains lec 10 Accignamo = 1 Scam , 35' 2 7 oure 10 cc 10 granes = 1 Delagrame 1 deulita 10 Dekagramo / Helogram 3.5 274 ouro 10 Heclograms - 1 Kilogram Ilita 2,2046 paunds 22.046 pounds 10 Kilograms = 1 negragiam 10 lites 3, 20 4. 6 pounds. 10 huguagesin = 19 mental I hertalita 10 Guentas - millier or Tonnen en mile

1 Kg = 2, 204 622 341 lbs 1 lb = 0. 453 592 4277 kg. 1607 = 1 lt 100lb=1cut 20 ent = 100m IT - 20 cux = 2,000 lt = 32,0000g Tomacod. 27 grain (gr) 21 pennyert (put) 20 port = 10%. 123 = 1 lt. 1er= 120g = 240put = 5,760 gr.

Pound = 453:59 grams.

### CONVERSION

Continueter METERS

16.5

66

5280

5.5

22

1760

	UNI	10 0	) F L L	NOI	
UNITS	INCHES	LINKS	FEET	YARDS	MILES
Linch m	1	0.126263	0.083333	0.037778	0.000016
I hnK=	7.92	1	0.66	0.22	0.000125
1 Foot =	12	1.515152	1,	0.333333	0.000189
/ Yard=	36	4.54545	3	1	0.000568

25

100

8000

1 cm. = 0.3937 0.049710 0.032 808 0.010936

1 Meter: 39.37 4.970960 3.280 833 1.093611

198

792

1 mile = 63,360

I rod=

1 chains

0.000016 2.540 0.025400 0.000125 20.117

0.201168 0.304801

0.003/25

0.000006

0.000621

0.0125

0.000189 30.480

91.440

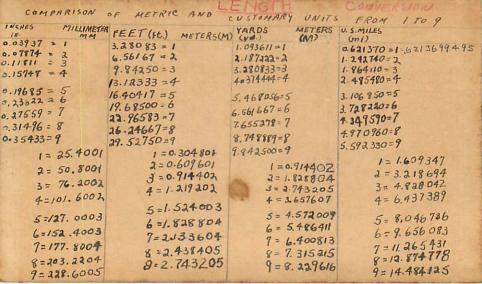
2011.684 20.116 84

160934.72 1609. 3472

0.914402

502.921 5.029 210

0.01



Frasco	Argentine Republic	2.5098 Hq. quts.	Tchetvert		5.96 bu.
	Mexico	2.5 liq. qts.		Japan	2.05 pecks.
Frasila	Zanzibar	35 lbs.	Ton	Space measure	40 cu. ft.
Fuder	Luxemburg	264.18 gals	Tonde ce'als	Denmark	3.9480 bu.
Funt.	Russia	0.9028 lb	Tonde Land		1.36 acres.
Gallon	British Empire	1 20094 II. S. gal.	Tonne	France	2204.62 lbs.
Garnice	Poland	1.0567 gal.	Tsubo		35.58 sq. ft.
Gram		15,432 grains.	Tsun.	China	1.26 Inches
Hecture		2.471 acres		Sweden	4.5 bu.
Hectolitre:	*********	2.211 00100	Tuonland		1.22 acres.
Dry		2.838 bu.	Vara	Argentine Republic	34 0044 Inches
" Liquid	** ********	26.418 gals.	y distillation	Costa Rica, Salv'd'r	32 012 Inches
Jarib	Persia (New)	2.471 acres.	** ********	Guatemala	32 gag inches
	Austria (Germany)			Honduras	
Joch	Hungary	1 087 acres	++ ******	Nicaragua	33 057 Inches
Wan	Japan	5 97 feet		Chile and Peru	32 913 Inches
Ken kilo am kilo .	Metric	9 9048 the	** ********	Cuba	22 288 Inches
		0.62137 mile.		Mexico	99 009 tookes
Kilometre	Austria (Germany)	0.02107 mile.	Vedro	Russia	2 707 cale
Klafter	Japan	5.119 bu.	Verst	reussia.	0 862 mile
Koku	Japan	0.119 04.		Poland	AL EO COPPE
Kwamme	Japan Tropped	0.2070 108.		Scotland & Ireland	41 DOD box
Last	Belgium, Holland.	85.134 Du.	Wey	Scotland & Ireland	41.252 DU.
The metric of the proportion	carat of 200 milligra of alloy in a metal.	ams is now very Thus, pure gold	generally in use is 24 carats fir	e. The word also i	s used to denote
ART WHEN SELECT					
THE RESERVE OF THE PERSON NAMED IN					
THE RESERVE OF			Market Bullion		
A STREET, SQUARE, SQUA	the later of the l		THE RESERVE TO SERVE		
	and Mexico	20.0787 gals.	Latre	Metric	1.0567 liq. qts.
Barrel	Malta (customs)	11.2 gals.	*******	Metric	0.90810 dry qts.
	Russia	361.128 lbs.	Livre (lb.)	Greece	1.1 lbs.
	Fed. Malay States.	832 grains	4 4 22 22 22 22 2	Guiana (Dutch)	1.089 lbs.
	Sumatra	7,096.5 sq. metrs.		England	50 cu. ft.
Bu	Japan	0.12 inch.	Lumber (std.) .	in Europe	165 cu. ft., or
Bushel	British Empire	1.03205 U. S. bu.	A STREET OF THE PARTY OF		1,980 ft. b. m.
	Malta	5,40 gals.	Manzana	Nicaragua	1.742 acres.
Candy	India (Bombay)	589 lbs,		Costa Rica, Salv'd'r	
11	India (Madras)	500 lbs.	Mare	Bolivia	0.507 lb.

Cantar	Exypt	un.uo ius.	TAX COURSE	anum	OR AT TUS.	
	Morocco	112 lbs.	Metre	Metric.,	39.37 inches.	HIND WAY
	Turkey	124.45 lbs.	Mil	Denmark	4.68 miles.	
Cantaro	Malta	175 lbs.	(geographic)	Denmark	[4.61 miles.	
Cast Metric	Turkey Maita World	3.086 grains	Milla	Denmark Denmark Nicaragua	1.1594 miles.	
		1.333 ½ lbs.	THE RESERVE OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN COLUMN TW	Honduras	11 1493 miles	
			Mina (old)	Greece	2.202 lbs.	
	Java Malarea	1.36 lbs.	Morgen	Greece Prussia	0.63 acre.	
	Java, Malacca Siam					
" (grand)	Siam	1.32 lbs.	" (Ocque)	Greece	2.82 lbs.	
" (Gettid):	Sumatra	2.12 lbs.	0	Turkey	2.828 lbs.	
Contain	Siam Sumatra Central America Brunswick	4 2631 gala	Pic.	Greece Turkey Egypt	22 83 Inches	
Contror	Demografiels	117 5 lbs				
Centuer	Bremen.	127 5 lbs		China	1334 The	
	Denmark, Norway.	110 23 lbs	**	Java	136 16 lbs	
	Prussia Sweden	113 44 lbs		China Java Philippine Islands Argentine Republic	130 44 ths	
	Gweden	93.7 ths	Pie	Argentine Republic	0.94708 toot	
	Double or metric.	920 46 the	1.	Spain	0 91416 foot	
	Double of metric.	5 057 bu	Pile	Spain	27 0 Inches	
Chetvert	Russia	12 60 inches	Pood	Ducela	28 112 1be	
Ch'in.	China	1 trotor	Pund (th.)	Danmark	1 102 Ibs	
(metric)	Cinina	2 451 00000	Chiert	Deltich Empire	1 20004 Ha at	
Cno.,	China Japan England Siam	4 1989 hu	22000	Russia Denmark British Empire Great Britain	1 03205 dec ot	
Comb	England	0 845 5 Dec	Competor	Chart Deltain	9 256 by	
Coyan	Siam	4 2 0000	Cuintol	Argentine Republic	101 28 the	
Cuadra	Argentine Republic	nd 70 mde	eguinens.	Brazil	100.54 108.	
5005	Paraguay	1 OF DOWN		Cuetile Pori	101 42 156	
" (sq.)	Paraguay	1.00 acres.	44	Castile, Peru. Chile Mexico Metric	101.40 108.	
				Mayles	101.41 108.	2
Cubic meter	Metric	33.3 Cu. It.	4	Mexico	000 46 15	
Cwt. (hund.	an always	110 11	Thousand	Palestine (south)	220.40 108.	
weight)	British	112 108.	Rottle.	Parestine (south)	0.30 108,	
Dessiatine	Russia	2.6997 acres.	Sack (nour)	England Russia	280 108,	
Dr'c'ma (new)	Greece Ecrudor, Salvador.	15.43gr., or 1 grm.	Sagene	RUSSIR	7 Teet.	
Fanega (dry).	Ecrudor, Salvador.	1.5745 Du.	Saim	Malta	8.2 00.	
MA	Chile	2.70208 DH.	Se	JapanIndia	U.U2451 acre.	
	Guatemala, Spain.		Seer.	India	2 2-35 lbs.	
# ANTONOO	Guatemala, Spain. Mexico	2.57716 bu	Shaku	Japan	11.9303 inches.	
			Sho	Japan Sweden British Japan	1.91 Inq. quarts.	
" (single)	Uruguay Venezuela Spain	3.888 bu.	Skaipund	Sweden	0,937 Ibs.	Dealer II
**	Venezuela	3.334 bu.	Stone	British	14 lbs.	
" (liquid)	Spain	16 gals.	Sun	Japan	1.193 Inches.	
		LUI Beres	Tael Kuping.	Cmina	1070.04 grs. (trov)	
Erall (rais's)	Spain	50 lbs	Tan	Japan	0.25 acre	